

## SAFETY OBSERVATION REPORT

<b>Observers:</b> S. Vigdor, P. Bond, D. Lowenstein, M. Zarccone, E. Lessard		<b>Date:</b> 12/20/07	<b>Duration:</b> 1 Hr.	<b>RHIC Cryogenic System Control Room and Shops, Building 1005</b>		
<b>Observation Categories</b>	<b>Observation Questions:</b>					
POS	In risky position relative to task? Exposed to risks of temperature/electricity/gas/chemicals/radiation? Protection OK?					
ERG	Risks from: posture, repetitive motion, load, vibration, temperature, lighting, noise, work flow?					
PPE	Correct PPE? In safe condition? All parts of the body properly protected?					
T&E	Is tool, equipment or facility right for the job? In safe condition? Used correctly?					
PRO	Is there a standard procedure? Is procedure adequate? Up to date? Understood? Followed?					
ORD	Is workplace orderly? Adequate space? Is there a place for all materials and equipment? All in its place?					
ASF	No unsafe acts or conditions identified					
<b>Work Area or Location</b>	<b>Number of Contacts</b>	<b>Description of unsafe acts</b>	<b>Observation Category</b>	<b>Follow-up Action</b>	<b>Person Responsible</b>	<b>By Date</b>
Cryogenic Control Room	4	<b>No unsafe acts observed.</b>  1. ODH warning light not in service near 1005R rollup door.  2. Cooling water filters show excess iron  <b>Positive:</b> Plant Engineering has performed well on snow and ice cleanup; cryo workers all use PPE and agree it is readily available; all cryo work is planned; cryo control room monitors are used to watch out for each other through cameras in the compressor room and refrigerator room; increased emphasis by management on safety is viewed as a good thing; workers raised issues about ODH warning lights and clogging filters.	ASF  T&E  T&E	1. Checkout and fix as appropriate  2. Determine if iron in domestic water at RHIC is excessive, and fix if appropriate	A. Etkin  W. Chaloupka	12/21/07  1/15/08

L2 Shop	1	<p><b>No unsafe acts observed.</b></p> <ol style="list-style-type: none"> <li>1. Safety glasses get scratched and obscure vision; is there a better product?</li> <li>2. Solder waste containers are improperly labeled "Hazardous Waste."</li> </ol> <p><b>Positive:</b> Worker used safety glasses and the correct tools for the repair work he was doing. Worker brought up issues about safety glasses and sharps. Worker was aware of flash hazard from switch on item he was repairing, and used appropriate PPE and "lockout." A good practice was observed in that the worker tied the power cord to the heater so it could not be plugged in during work.</p>	PPE	<ol style="list-style-type: none"> <li>1. Inform C-AD workers about the safety glasses, the types available, and when and how to get new ones, etc.</li> <li>2. Consider placing a Satellite Accumulation Area in L2; ensure all C-AD supervisors check to see if solder containers are properly labeled, Pb solder waste and Ag solder waste are treated differently, so this must be pointed out; consider adding sharps containers to shops in order to collect used razor blades safely.</li> </ol>	<p>P. Cernigliaro</p> <p>P. Cernigliaro and J. Scott</p>	<p>1/31/08</p> <p>1/15/08</p>
<b>COMMENT:</b>						